

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE TO DETERMINE AND  
COMMUNICATE OPTICAL LENS SIZING AND PRESCRIPTION INFORMATION**

**Abstract of the Disclosure**

The proposed invention calculates the circumference of an optical lens taking into consideration external variations in lens size and shape. The invention, utilizing a uniquely designed optical lens tracing pen in conjunction with a specifically designed tracing template provides for a consistent method of measure with respect to the outermost ridge of a traced lens. The lens is traced utilizing the specifically designed invention pen, and scanned into a software system which receives the traced image and plots a lens shape based upon a calculated distance between first color template axis indicators and a second color pen tracing. The system further provides for a number of options to allow specification a prescription to be utilized in conjunction with the lens sizing information as well as the automated and transparent downloading of computer software and additional lens shape offerings reflected in updated versions of the invention.